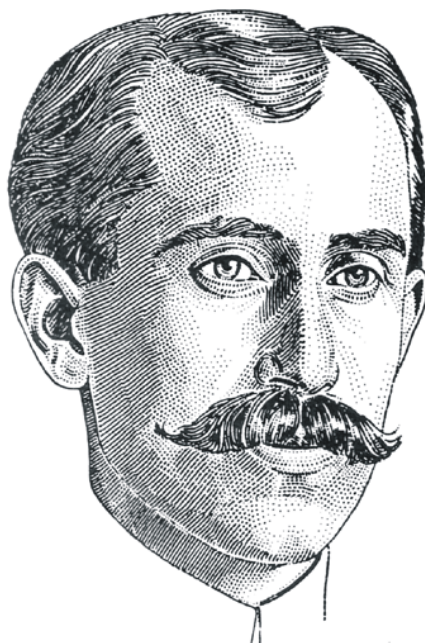
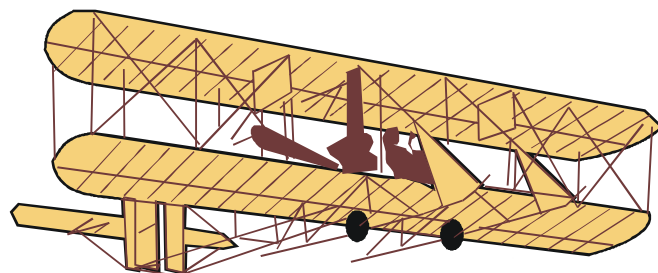


Wright-Patterson AFB, Ohio

Economic Impact Analysis



1903 - 2003



30 September 2003

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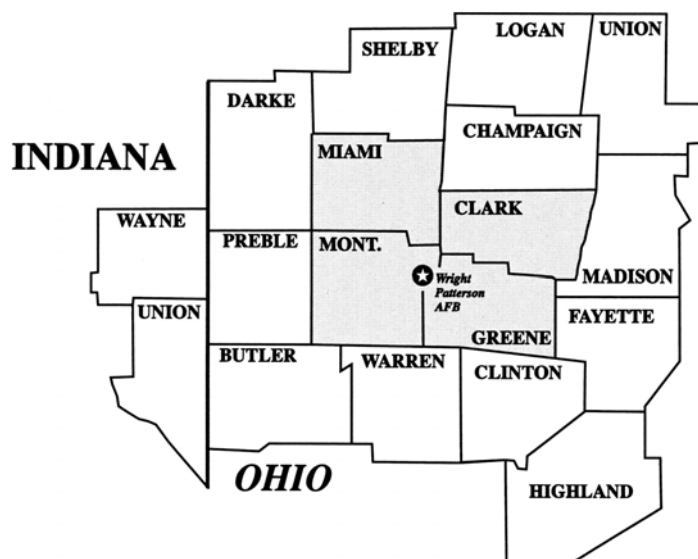
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PREFACE

This document was formerly called the Economic Resource Impact Statement (ERIS). In August 1995, the Secretary of the Air Force for Financial Management specified a new methodology for computing a military installation's economic impact and changed the name of the document from the ERIS to the Economic Impact Analysis (EIA). The change makes Air Force EIA estimates consistent with the Office of the Secretary of Defense (OSD) Base Realignment and Closure (BRAC) Commission methodology. The biggest difference between the former ERIS and the EIA is in the definition of an installation's economic area. Wright-Patterson's economic area was formerly referred to as the Economic Impact Region, a 50-mile commuting radius from the base including the 18 counties shown on the map below. Wright-Patterson's current economic area is referred to as the Dayton-Springfield, OH Metropolitan Statistical Area (MSA) and includes the highlighted counties of Clark, Greene, Miami and Montgomery. It should be noted that in previous fiscal years, approximately 95 to 97 percent of the base employees resided in just this 4-county area and approximately 95 to 97 percent of the base payroll was also distributed there.

The information in this document was gathered from various organizations at Wright-Patterson Air Force Base, other Air Force agencies, Department of Defense agencies, other federal agencies and private sector sources. The Economic Impact Analysis provides the reader with a capsulated view of one of the largest Air Force bases in the world. The EIA was prepared by the Installation and Support Mission Branch of the 88th Air Base Wing, Financial Management Directorate, Wright-Patterson Air Force Base, Ohio, using as of 30 September 2003 data. Questions or comments concerning the statistics and data contained in this pamphlet may be addressed to Ms. Diana Eckhardt, 88 ABW/FMA, 1450 Littrell Rd., Wright-Patterson AFB, OH 45433-5209, commercial telephone (937) 257-9683, or DSN 787-9683.

ECONOMIC AREA FOR WRIGHT-PATTERSON AFB, OHIO



WRIGHT-PATTERSON'S HERITAGE

Wright-Patterson AFB has been a leader in military aviation from the open cockpit days to the aerospace age. The base's past, present and future are all inextricably linked with the Wright brothers' legacy. The Wright brothers called Dayton their home, and Daytonians have long since called their city the "Birthplace of Aviation." The stories of the brothers' early years, their bicycle shop, their printing business and their early aviation efforts are in evidence throughout the greater Dayton area. Today, just off the end of Wright-Patterson's runway, a replica of the Wright brothers' 1905 hangar overlooks their first flying field known as Huffman Prairie, where they, in their own words, "really learned to fly." Huffman Prairie Flying Field has been designated a National Historic Landmark and is now part of the Dayton Aviation Heritage National Historical Park.

Aviation research and development began to flourish at Wright-Patterson during U.S. involvement in World War I. First, Wilbur Wright Field was established in the summer of 1917 as a pilot training school at the site of Wright-Patterson's present flightline in Area C. In the fall of 1917, McCook Field was established as an Air Service engineering center. McCook Field was located at what is now the intersection of State Route 4 and Interstate 75. In 1927, a new aerodrome and a host of research facilities were constructed at Wright Field, on land donated by the citizens of Dayton. This area was an expanded home for the research activities at McCook Field and now comprises Area B.

Wright-Patterson's logistics heritage also dates from World War I, when the Fairfield Aviation General Supply Depot was established adjacent to Wilbur Wright Field. The Fairfield Air Depot, as it became known, was a major Army Air Corps depot through the end of World War II. In 1931, the area encompassing the Fairfield Air Depot, Wilbur Wright Field, and the Huffman Prairie was renamed Patterson Field, in honor of Lt. Frank Stuart Patterson, who died here in 1918 in the crash of a DH-4 while flight-testing a machine gun synchronizer.

In 1948, Wright and Patterson Fields were merged to become Wright-Patterson Air Force Base. The host organization for the new base was the Air Base Wing until the Aeronautical Systems Center assumed the host organization responsibilities on 1 July 1992. The Center is made up of four mission units--Systems Acquisition, 74th Medical Group, the 88th Air Base Wing, and the 311th Human Systems Wing at Brooks AFB, Texas. The 88th Air Base Wing provides base operating support for the installation.

Wright-Patterson is one of the largest, most diverse and organizationally complex bases in the Air Force. It's the headquarters for Air Force Materiel Command and home of Aeronautical Systems Center, the aerospace research and acquisition "center of choice." More than 60 organizations, representing a broad spectrum of Air Force and Department of Defense activities, are located here.

The Dayton area's celebration in 2003 to commemorate the first flight of the Wright brothers is an excellent example of the cooperative, community spirit of the base and its personnel who contributed many hundreds of volunteer hours to its success. Besides supporting events sponsored by the Centennial of Flight Office in Washington, D.C., there were many, locally organized activities that received strong base participation. These venues included: the on-base Air Power 2003 air show, the Vectren Dayton Air Show, special events at the United States Air Force Museum, and "Time Flies" historical reenactments at Huffman Prairie Flying Field on base.

Today, as in the first century of flight, this is where weapon systems of the future are conceived, tested, modified and tested again until worthy of acceptance as part of the most responsive deterrent force in the history of military aviation. Wright-Patterson Air Force Base--the birthplace, home, and future of aerospace.

Yesterday - Today - Tomorrow. That's what Wright-Patterson is all about. The heritage of a legendary past spurs aerospace scientists and logisticians in a quest to "keep 'em flying," faster, higher, farther and safer than man has ever flown before - a legacy we can all be proud of!

CAPITAL ASSETS

(As of: 30 September 2003)

BUILDING CATEGORY	SQUARE FEET
Housing (Includes detached garages and storage buildings)	1,003,441
Community (Includes commissary, BX, BAQ, VAQ/VOQ, and recreation)	2,459,139
Research and Development	4,718,553
Hospital	825,533
All Other Buildings (Includes Operations & Training, Supply, Maintenance & Production, and Administration)	6,321,331
Other Structures and Facilities	615,607
Utilities and Ground Improvement	243,353
TOTAL	16,186,957

DORMITORY/TEMPORARY QUARTERS	NUMBER OF UNITS	BED CAPACITY
Airman/NCO	4	392
Visiting Officer/Airman Quarters	8	422
Temporary Lodging Facilities	4	40
Compassionate Care Facilities	16	32
TOTAL	32	886

LAND	ACRES
Fee Owned	7,629
Easements	431
Right of Way	83
Leased	2
TOTAL	8,145

RUNWAYS	LINEAR FEET
Area A	7,000
Area C	12,600
Area B (inactive)	7,147
TOTAL	26,747

FACILITIES DATA	NUMBER OF BUILDINGS
Buildings	511
Family Housing	336
TOTAL	847

NOTE: The decrease in housing square feet is a result of privatization of military family housing.

**TABLE 1 - SUMMARY OF PERSONNEL AND GROSS ANNUAL PAYROLL
BY CLASSIFICATION AND HOUSING LOCATION
(As of: 30 September 2003)**

CLASSIFICATION		LIVING ON BASE		LIVING OFF BASE		TOTAL	
		PERSONNEL	PAYROLL \$	PERSONNEL	PAYROLL \$	PERSONNEL	ANNUAL PAYROLL \$
1. APPROPRIATED FUND MILITARY							
	Active Duty	626	\$26,971,562	4,954	\$293,479,343	5,580	\$320,450,905
	Air Reserve Technicians	0	\$0	318	\$11,737,862	318	\$11,737,862
	Non-Extended Active Duty ANG/Reserve	72	\$79,006	2,032	\$15,484,147	2,104	\$15,563,153
	TOTAL:	698	\$27,050,568	7,304	\$320,701,352	8,002	\$347,751,920
2. ACTIVE DUTY MILITARY DEPENDENTS		997		6,177		7,174	
3. APPROPRIATED FUND CIVILIANS							
	General Schedule & Grades Similar (GG)					10,618	\$701,617,257
	Federal Wage Board					621	\$28,451,661
	Other					104	\$14,287,764
	TOTAL:					11,343	\$744,356,682
4. NON-APPROPRIATED FUND CIVILIANS AND PRIVATE BUSINESS							
	Civilian NAF					722	\$8,932,936
	Civilian BX					260	\$4,670,848
	Bank One, Credit Union					32	\$784,280
	Office Runway					5	\$84,405
	TOTAL:					1,019	\$14,472,469
				GRAND TOTAL:		20,364	\$1,106,581,071

PERSONNEL AND PAYROLL DEMOGRAPHICS (Fiscal Year 2003)

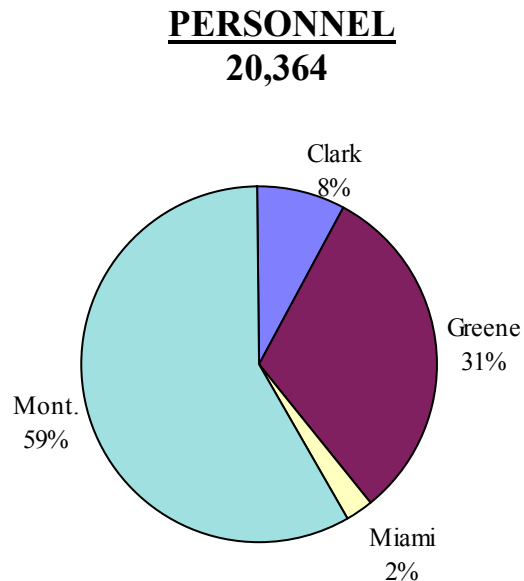
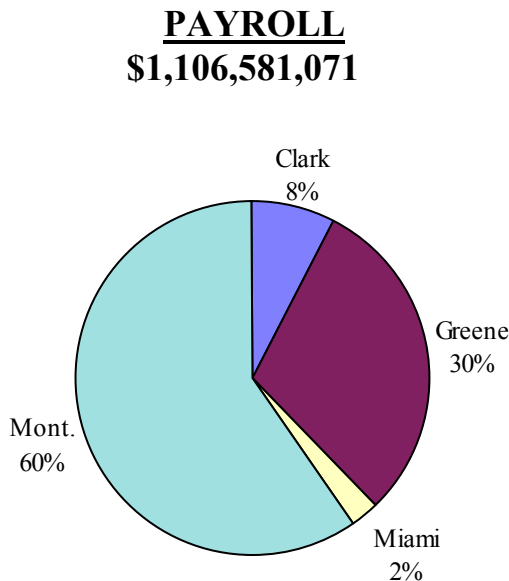
The fiscal year 2003 payroll to Wright-Patterson employees in the local area was over \$3.0 million per day, every day of the year. Although the Bank One and Credit Union personnel are not actually Wright-Patterson employees (they are private business employees and were paid accordingly), they do work at Wright-Patterson AFB and their payrolls are part of the economic impact calculations.

Payroll and personnel totals in the various employee categories are as follows:

	<u>PAYROLL</u>	<u>NUMBER OF PERSONNEL</u>
Appropriated Fund Civilians	\$ 744,356,682	11,343
Appropriated Fund Military	\$ 347,751,920	8,002
Civilian Non-Appropriated Fund	\$ 8,932,936	722
Civilian Base Exchange	\$ 4,670,848	260
Branch Banks/Credit Unions, etc.	\$ 868,685	37
TOTAL	\$ 1,106,581,071	20,364

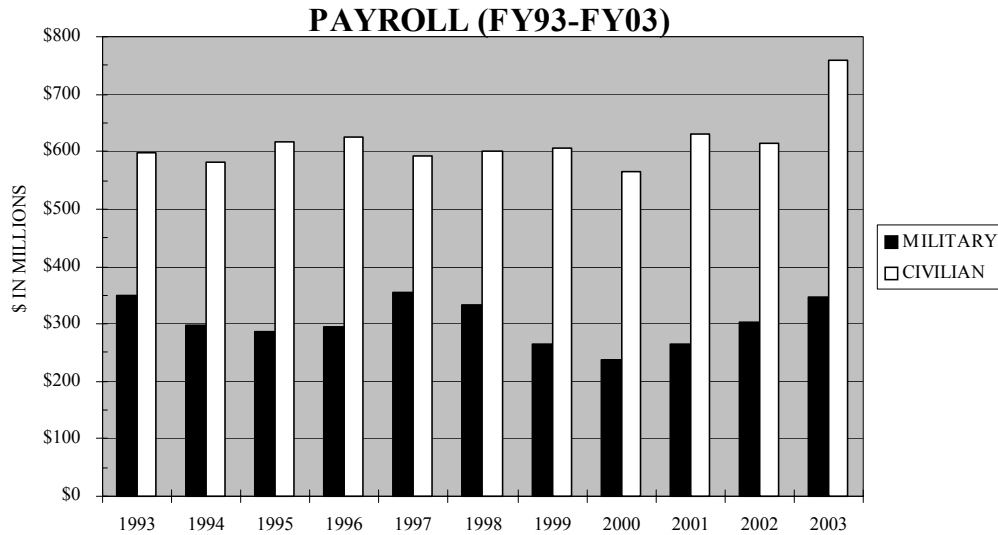
Approximately 95 percent of Wright-Patterson's military and civilian employees live in the Dayton-Springfield OH Metropolitan Statistical Area (MSA) that includes Clark, Greene, Miami and Montgomery counties.

The following graphs breakdown the total personnel and the total payroll into a percentage by county:



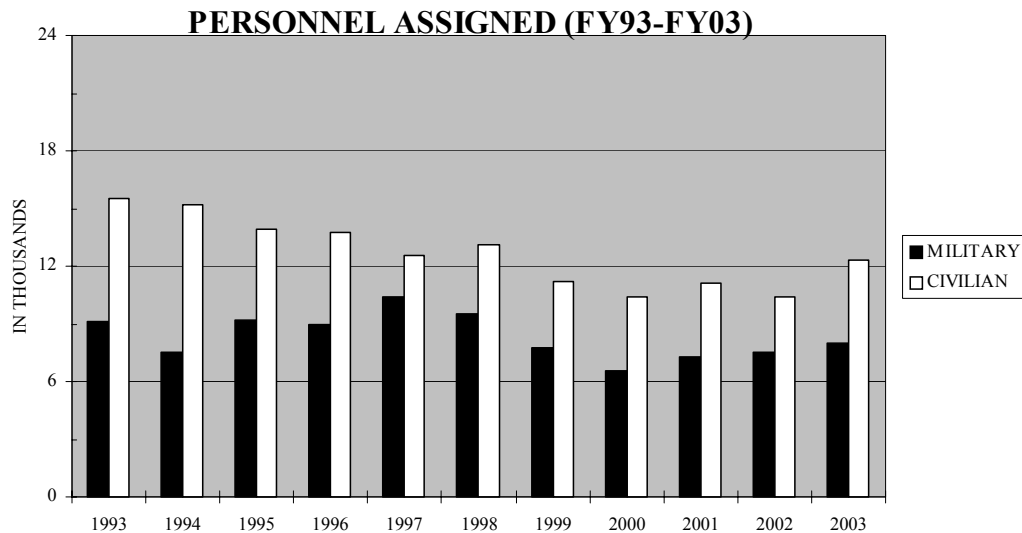
PERSONNEL AND PAYROLL TREND CHARTS

(Fiscal Year 2003)



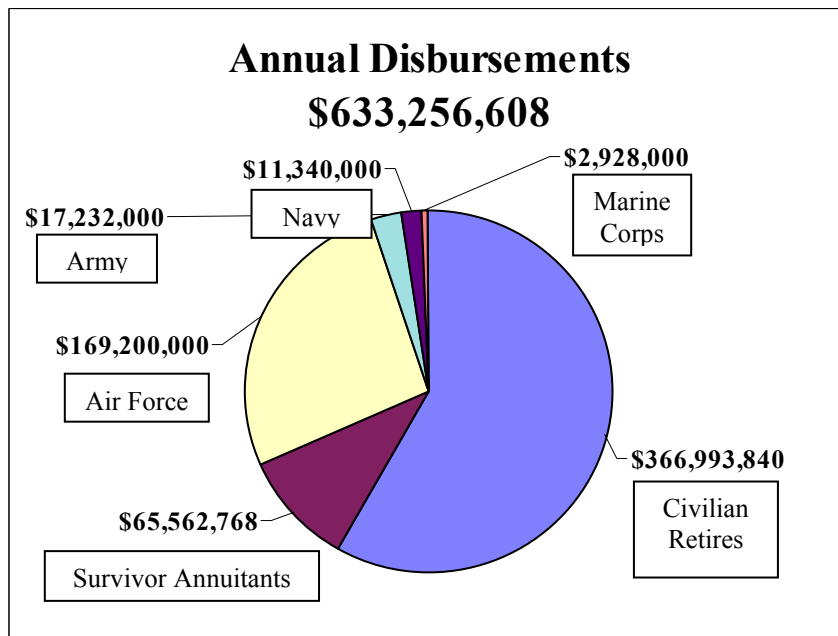
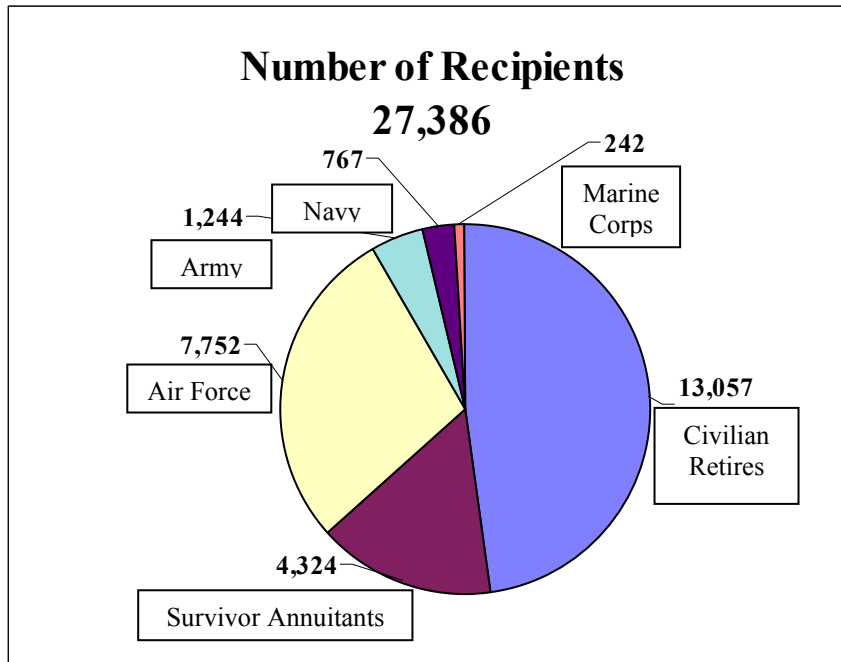
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MIL	\$349.6	\$297.9	\$287.7	\$295.2	\$353.8	\$334.4	\$264.5	\$238.6	\$265.1	\$303.8	\$347.7
CIV	\$598.6	\$581.3	\$616.6	\$623.9	\$591.6	\$601.7	\$606.4	\$566.0	\$631.3	\$613.3	\$758.8
TOTAL	\$948.2	\$879.2	\$904.3	\$919.1	\$945.4	\$936.1	\$870.9	\$804.6	\$896.4	\$917.1	\$1,106.5

ALL FIGURES FOR FY95-FY03 INCLUDE ONLY THOSE PERSONNEL WHO RESIDE IN THE WPAFB FOUR-COUNTY ECONOMIC AREA (PRIOR YEARS INCLUDED AN 18-COUNTY ECONOMIC AREA). FY95- FY03 MILITARY FIGURES INCLUDE ACTIVE DUTY, AIR RESERVE TECHNICIANS AND WEEKEND RESERVE PERSONNEL (PRIOR YEARS INCLUDED ONLY ACTIVE DUTY). FY95-FY03 CIVILIAN FIGURES INCLUDE BANK ONE AND CREDIT UNION PERSONNEL (PRIOR YEARS DID NOT). FY01 CIVILIANS INCLUDE 868 INTELLIGENCE PERSONNEL NOT PREVIOUSLY CAPTURED. FY03 INCLUDES ADDITIONAL TENANT ORGANIZATIONS NOT PREVIOUSLY INCLUDED.



	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
MIL	9.1	7.5	9.2	9.0	10.4	9.5	7.8	6.6	7.3	7.5	8.0
CIV	15.5	15.2	13.9	13.8	12.6	13.1	11.2	10.4	11.1	10.4	12.3
TOTAL	24.6	22.7	23.1	22.8	23.0	22.6	19.0	17.0	18.4	17.9	20.3

AREA MILITARY AND CIVILIAN RETIREES (Fiscal Year 2003)



**TABLE 2 - EXPENDITURES FOR CONSTRUCTION, SERVICES,
MATERIALS, EQUIPMENT, AND SUPPLIES***
(As of: 30 September 2003)

	ANNUAL EXPENDITURES
1. CONSTRUCTION	
Military Construction Program	\$88,411,628
Non-Appropriated Fund, Military Family Housing, O&M	\$59,093,832
TOTAL:	\$147,505,460
2. SERVICES	
Services Contracts **	\$343,138,600
RDT&E (not elsewhere included)	\$108,193,666
TOTAL:	\$451,332,266
3. MATERIALS, EQUIPMENT, AND SUPPLIES	
Commissary/BX	\$1,780,909
Health (CHAMPUS, Govt. cost only) ***	\$19,654,455
Education (Impact aid and tuition assistance)	\$3,985,679
TDY ****	\$18,813,638
Other Materials, Equipment & Supplies (not elsewhere included)	\$ 102,416,123
TOTAL:	\$146,650,804
TOTAL ANNUAL EXPENDITURES:	\$745,488,530

* Excludes contracts for services supplied to other Air Force installations.

** Includes only contracts in the local economic area or contracts requiring the use of locally supplied goods and services.

*** Includes costs for dependents of active duty personnel, retirees, and dependents of retirees to use civilian medical care facilities when military facilities are unavailable or when travel to nearest medical facility places undue hardship on the patient.

**** Includes only expenditures for meals and lodging of military and civilian personnel on temporary duty at WPAFB.

ANNUAL EXPENDITURE SUMMARY

WRIGHT-PATTERSON AFB OH – FY03

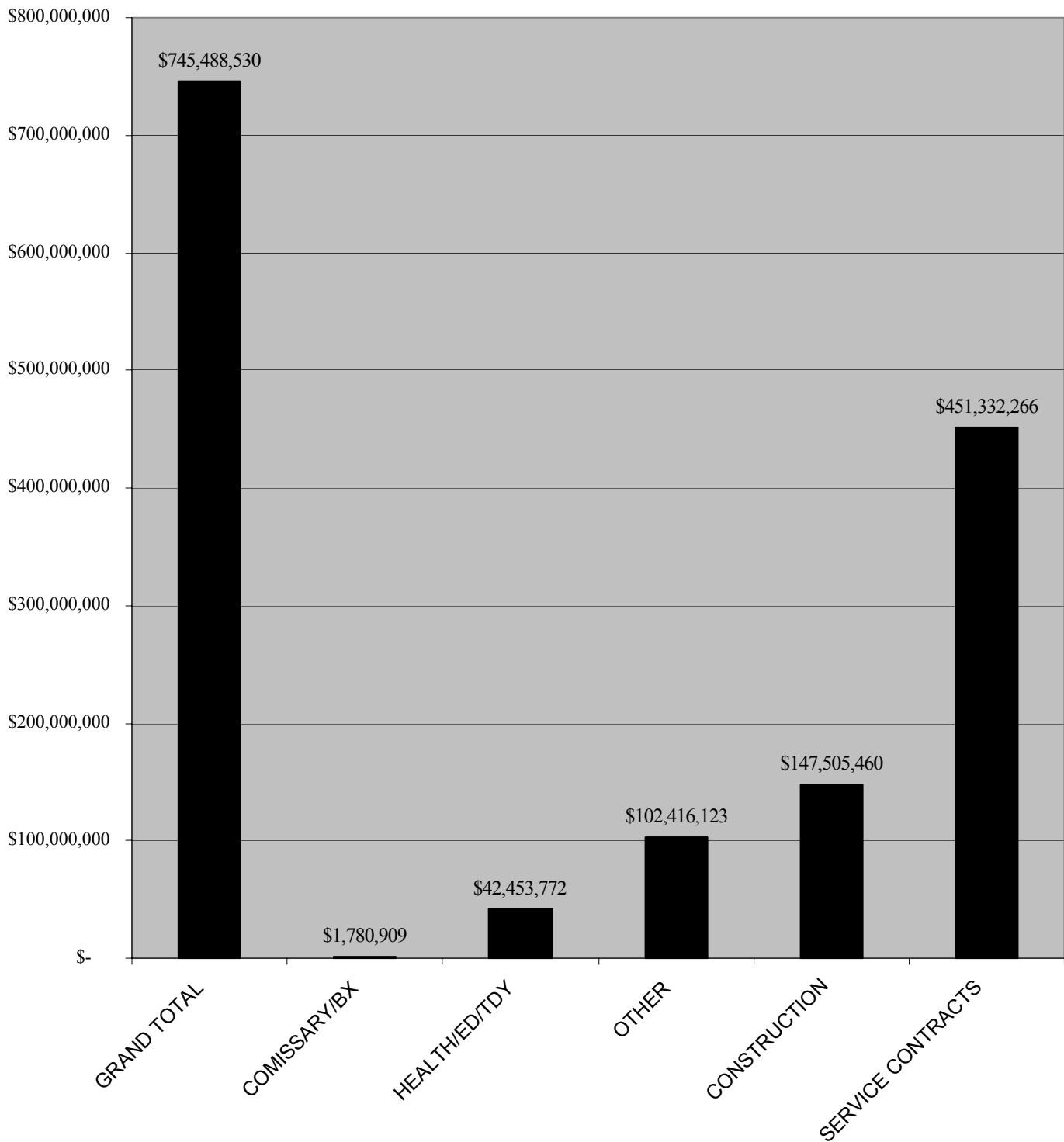


TABLE 3 - ESTIMATE OF NUMBER AND DOLLAR VALUE OF INDIRECT JOBS CREATED

Data Sources:

Multipliers: LMI Economic Impact Database, Installations and Indirect Job Multipliers.

FY01 Average Annual Pay: Bureau of Labor Statistics, U.S. Department of Labor

Type of Personnel	# of Base Jobs	Multiplier	# of Indirect Jobs
MILITARY ACTIVE DUTY	5,580	0.41	2,288
TRAINEES AND RESERVISTS	2,422	0.16	388
DoD CIVILIANS	11,343	1.57	17,809
OTHER CIVILIANS	1,019	1.57	1,600
TOTAL:	20,364		22,085

AVERAGE ANNUAL PAY FOR THE LOCAL COMMUNITY: \$33,620
(2001 BLS Datum is Most Recent)

ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$742,497,700

TABLE 4 - TOTAL ANNUAL ECONOMIC IMPACT ESTIMATE

ANNUAL PAYROLL: \$1,106,581,071

Military	\$347,751,920
Federal Civilian	\$744,356,682
Other Civilian	\$14,472,469

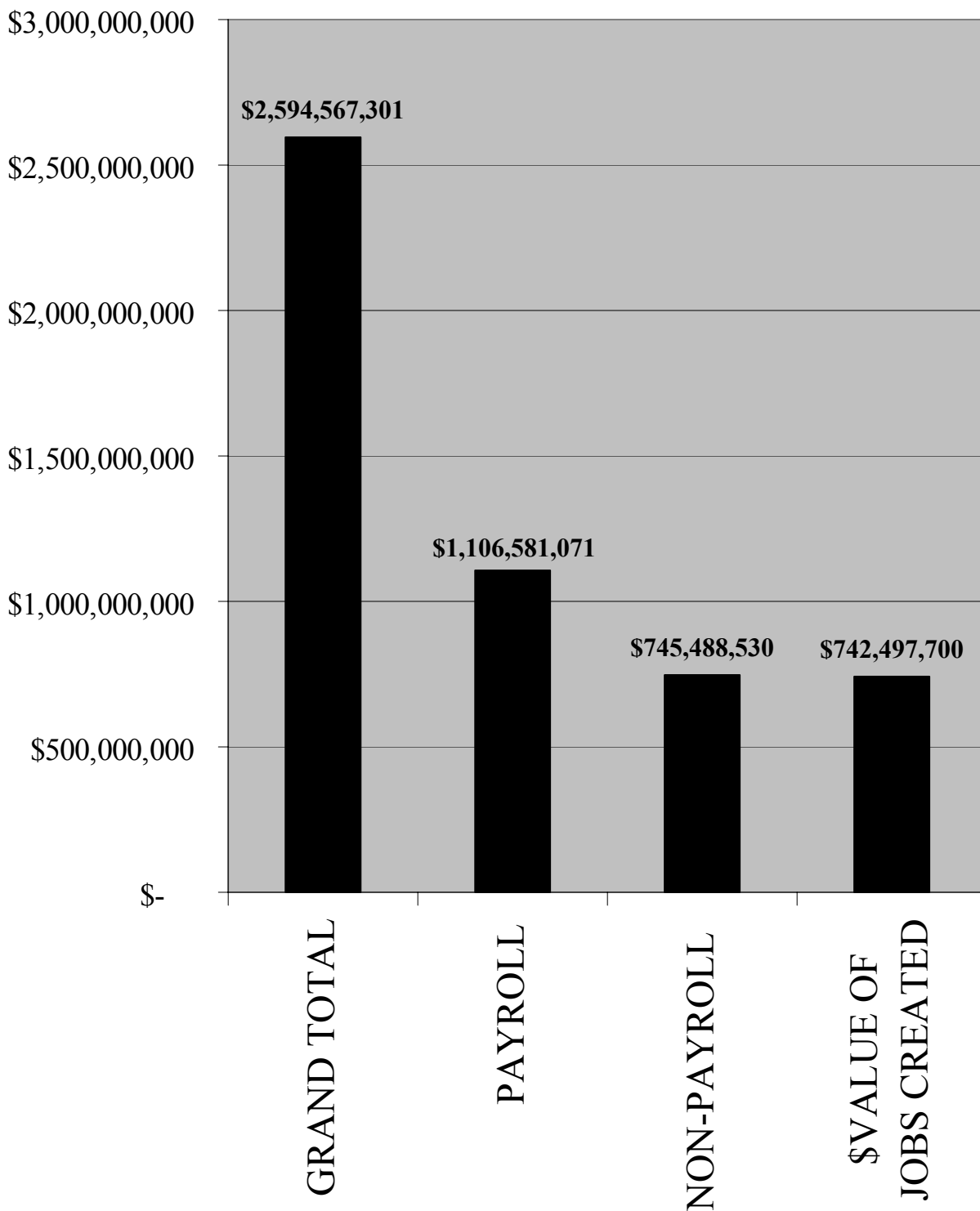
ANNUAL EXPENDITURES: \$745,488,530

ESTIMATED ANNUAL DOLLAR VALUE OF JOBS CREATED: \$742,497,700

Estimated Indirect Jobs Created	22,085
Average Annual Pay	\$33,620

GRAND TOTAL: \$2,594,567,301

TOTAL ECONOMIC IMPACT WRIGHT-PATTERSON AFB OH – FY03



EDUCATIONAL IMPACT AID

(Fiscal Year 2003)

Five school districts received funds from the federal government in fiscal year 2003 because children of Wright-Patterson employees made up a certain percentage of their student enrollment.

These funds, known as "impact aid," are distributed each year to qualified school districts on the basis of formulae set by Public Law 81-874 passed in 1951. The program originated as a means of compensating local school districts for losses in tax revenues due to the presence of federal property. Compensation is higher for children whose parents live and work on federal property than for those who only work there. In order to qualify, either the local education agency (LEA) must be serving eligible federally connected children numbering at least 400 in average daily attendance (ADA) or at least three percent of the total number of children in ADA in the district must be federally connected. This threshold is higher for the children of civilian employees. These children may be counted for eligibility and payment purposes only if the combined ADA of such children is 1,000 or more or that number is 10 percent or more of the total number of students in ADA in the district. Several school districts were ineligible due to this more stringent eligibility requirement.

The following is a list of local school districts receiving "impact aid" funds in fiscal year 2003:

<u>School District</u>	<u>County</u>	<u>Federally Connected Students</u>	<u>Impact Aid Amount</u>
Mad River Local	Montgomery	842	\$898,101
Fairborn City	Greene	809	\$775,098
Beavercreek Local	Greene	621	\$134,480
Huber Heights City	Montgomery	264	\$8,957
Mad River-Green Local	Clark	58	\$8,000
Dayton City	Montgomery	Not an applicant	
Centerville City	Montgomery	Not an applicant	
Kettering City	Montgomery	Not an applicant	
Springfield City	Clark	Not an applicant	
Xenia City	Greene	Not an applicant	
Tecumseh Local*	Clark	Not an applicant	
Miamisburg City	Montgomery	Not an applicant	
Oakwood City	Montgomery	Not an applicant	
West Carrollton	Montgomery	Not an applicant	
Yellow Springs	Clark	Not an applicant	
TOTAL		2594	\$1,824,636

* Formerly New Carlisle-Bethel Local

** Change to Public Law 81-874 affected the eligibility of some schools.

COMBINED FEDERAL CAMPAIGN CONTRIBUTIONS **(Fiscal Year 2003)**

Wright-Patterson's record of contributions to the Combined Federal Campaign speaks for itself. Base military and civilian employees have contributed more than \$42 million during the past 20 years.

